ICP Series

Transportation Rupture Disks

...provide over-pressure protection for INTERMODAL Tank Containers

Features

- Scored, forward-acting, non-fragmenting design
- Fits standard tank car safety vents or mount between ASME B16.5 Class 150 and ISO standard flanges
- Operating pressures to 85% of the disk’s marked burst pressure
- Total performance tolerance ±5%
- See table below showing disk sizes with pressure ratings and burst temperatures ready for immediate shipment
- Materials of construction
  - Disk: Nickel
  - Positioning collar, bottom ring: 316SS
  - Lining and gaskets: TFE

Other Materials available

- Provide over-pressure protection for INTERMODAL Tank Containers

Standard Ratings and Temperatures

<table>
<thead>
<tr>
<th>Disk Size</th>
<th>Pressure Rating</th>
<th>Burst Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>in.</td>
<td>mm</td>
<td>psig</td>
</tr>
<tr>
<td>2.50</td>
<td>65</td>
<td>54.4</td>
</tr>
<tr>
<td>2.50</td>
<td>65</td>
<td>63.8</td>
</tr>
<tr>
<td>2.50</td>
<td>65</td>
<td>54.4</td>
</tr>
<tr>
<td>2.50</td>
<td>65</td>
<td>63.8</td>
</tr>
<tr>
<td>3.00</td>
<td>80</td>
<td>54.4</td>
</tr>
<tr>
<td>3.00</td>
<td>80</td>
<td>63.8</td>
</tr>
</tbody>
</table>

ICP Standard Disk Construction

ICP Disk Dimensions

<table>
<thead>
<tr>
<th>Disk Size</th>
<th>Standard Dimensions – inches (mm) A</th>
<th>B</th>
<th>H</th>
</tr>
</thead>
<tbody>
<tr>
<td>in.</td>
<td>mm</td>
<td>in.</td>
<td>mm</td>
</tr>
<tr>
<td>2.50</td>
<td>65.0</td>
<td>3.75</td>
<td>95.2</td>
</tr>
<tr>
<td>2.50</td>
<td>65.0</td>
<td>3.75</td>
<td>95.2</td>
</tr>
<tr>
<td>3.00</td>
<td>80.0</td>
<td>5.00</td>
<td>127.0</td>
</tr>
</tbody>
</table>

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